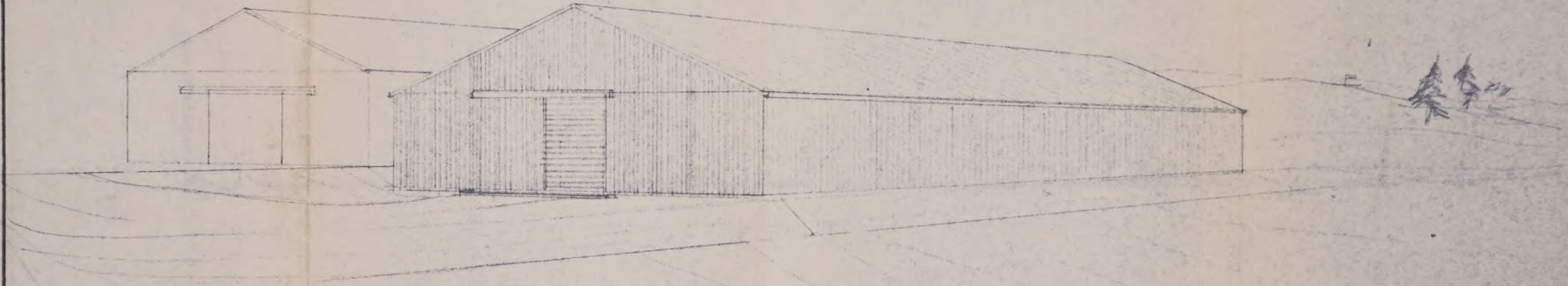


B'- 40'x125'x9'

GOLF CART STORAGE BUILDING FOR
ASTORIA COUNTRY CLUB

SCALE:

DATE: 1- 11-'77

APPROVED BY:

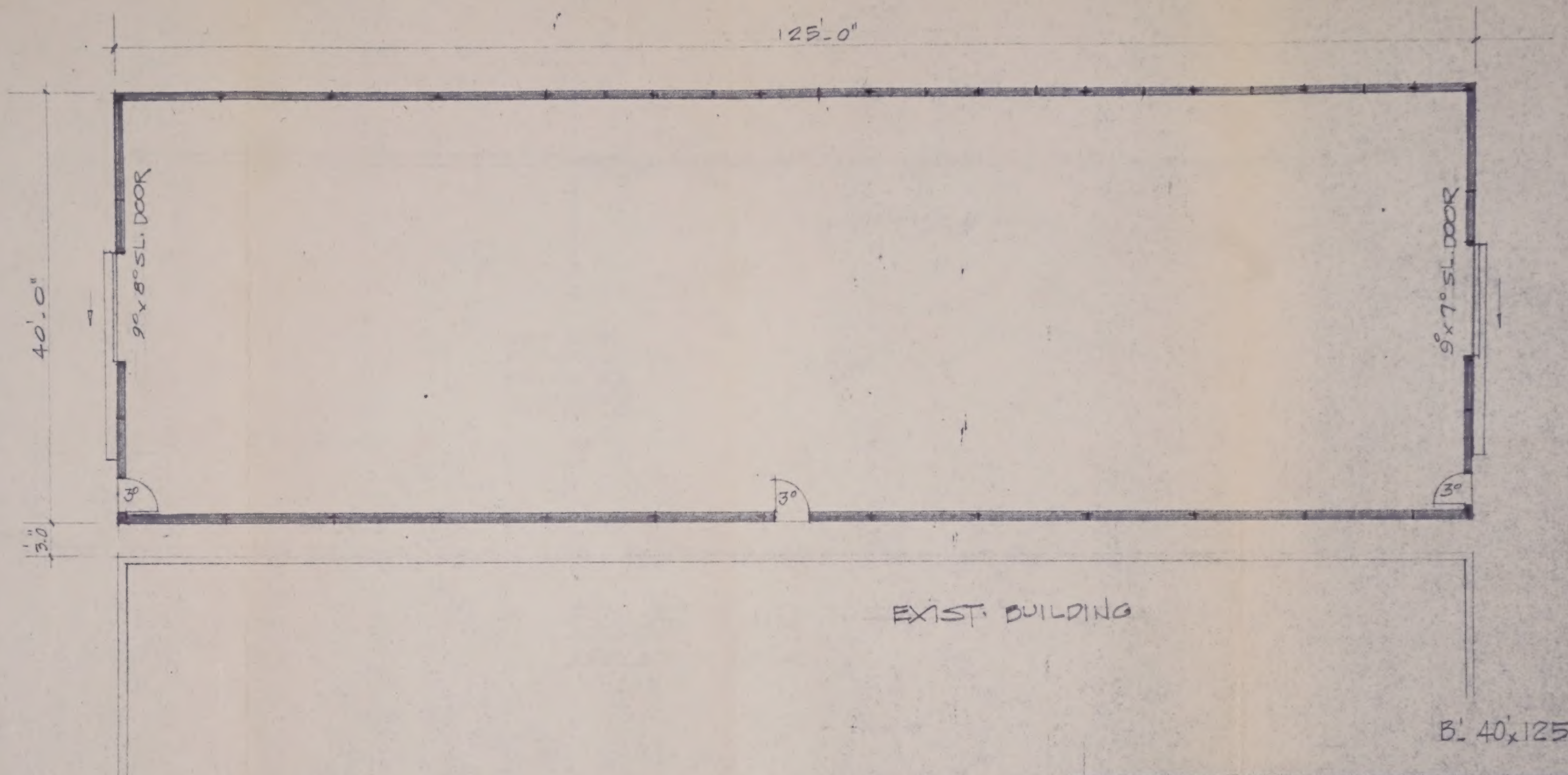
DRAWN BY P.C.

REVISED

ROSE CITY PRE-CUT BUILDINGS, INC.
9400 N. E. HALSEY STREET
PORTLAND, OREGON 97220

DRAWING NUMBER 1

11X17 PRINTED ON NO. 1000H CLEARPRINT



B. 40'x125'x9'

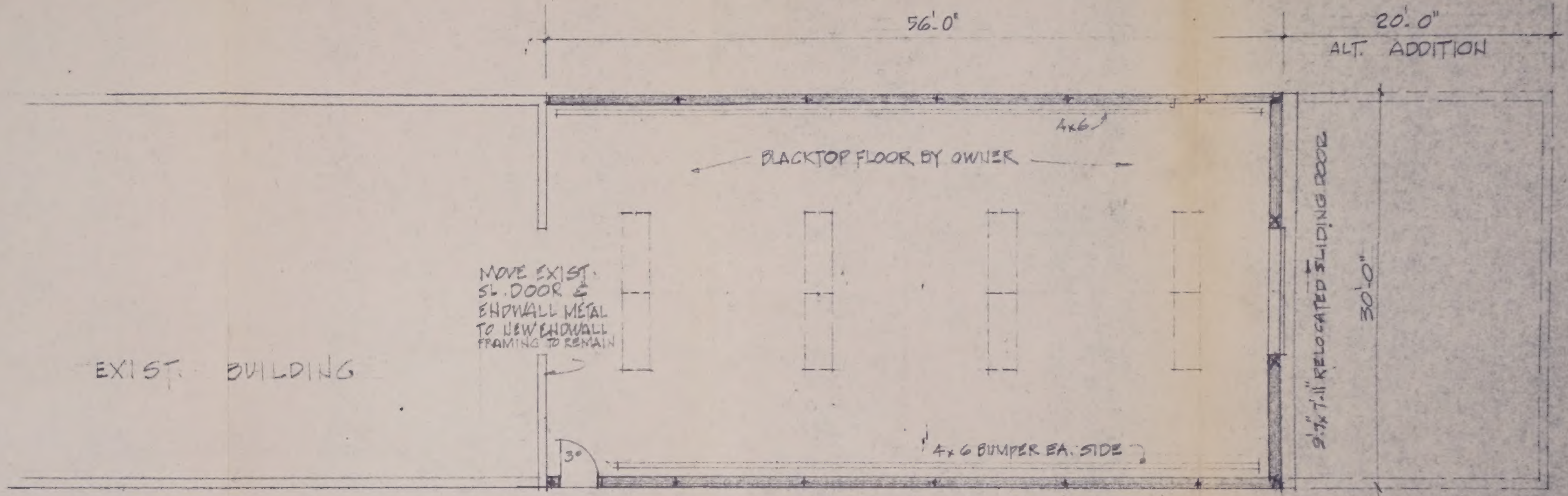
GOLF CART STORAGE BUILDING FOR ASTORIA COUNTRY CLUB

SCALE: 1" = 10'-0"
DATE: 1-7-77
APPROVED BY:
DRAWN BY
REVISED

ROSE CITY PRE-CUT BUILDINGS, INC.
9400 N. E. HALSEY STREET
PORTLAND, OREGON 97220

DRAWING NUMBER 2

11X17 PRINTED ON NO. 1000H CLEARPRINT


56'-0"
20'-0"
ALT. ADDITION
4x6
BLACKTOP FLOOR BY OWNER
MOVE EXIST. SL. DOOR & ENDWALL METAL TO NEW ENDWALL FRAMING TO REMAIN
EXIST. BUILDING
9'-7" x 7'-11" RELOCATED SLIDING DOOR
30'-0"
3°
4x6 BUMPER EA. SIDE

FLOOR PLAN

SCALE 1/8"=1'-0"

CART STORAGE BUILDING FOR
ASTORIA COUNTRY CLUB

SCALE: 1/8"=1'-0"

DATE: 1-7-77

APPROVED BY:

DRAWN BY

REVISED

ROSE CITY PRE-CUT BUILDINGS, INC.
9400 N. E. HALSEY STREET
PORTLAND, OREGON 97220

DRAWING NUMBER 2

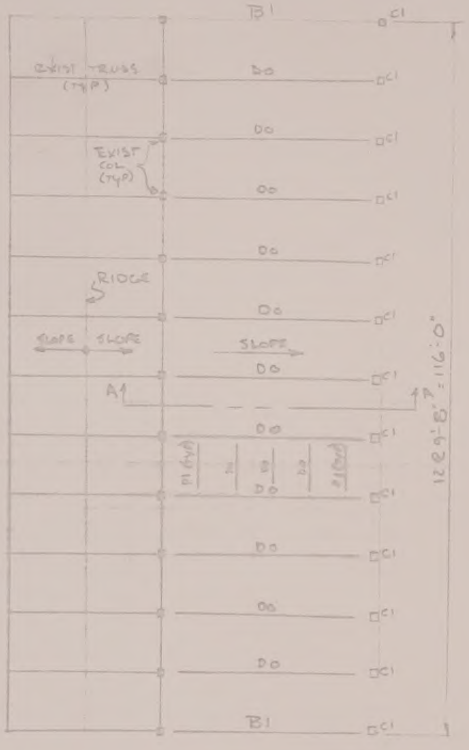
11X17 PRINTED ON NO. 1000H CLEARPRINT

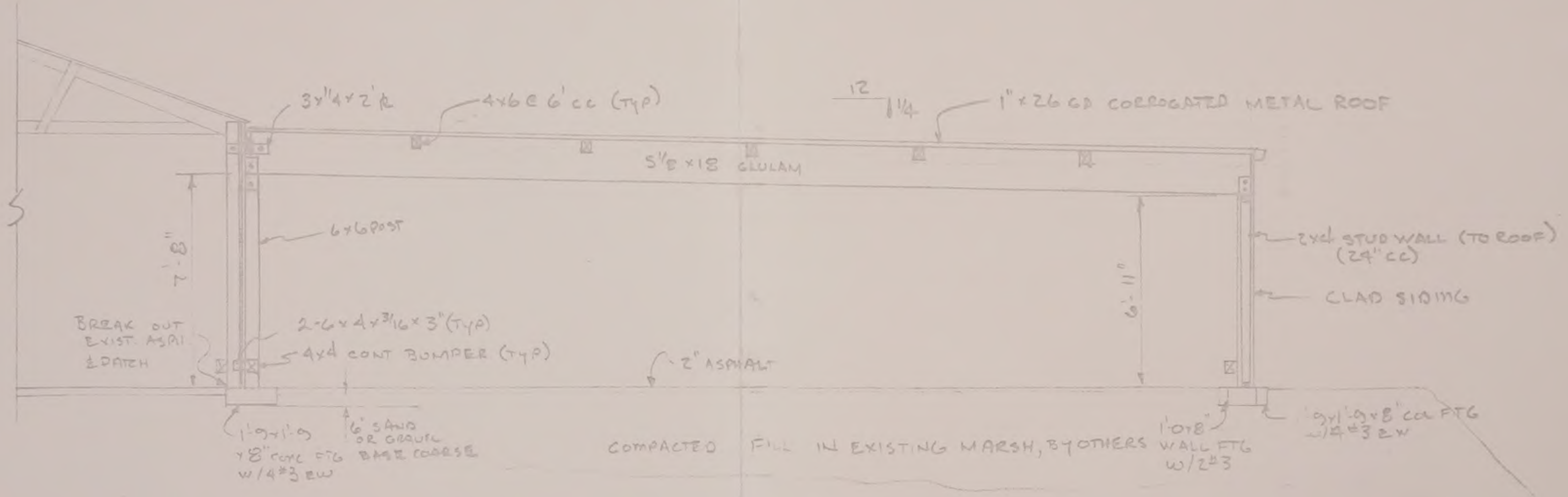
SUBJECT Golf Cart Storage Shed
for Astoria Golf & CC

Astoria, Oregon

VARAX ENGINEERING COMPANY
SUBSIDIARY OF
WESTERN WOOD STRUCTURES, INC.
P.O. Box 13450 Portland, OR 97213
(503) 288-7488

SHEET NO. 1 OF 2
BY RLK DATE 1/6/77
CHKD. BY DATE



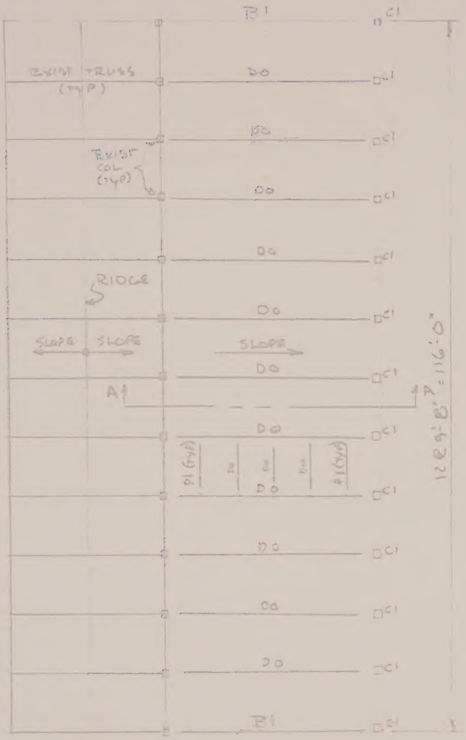


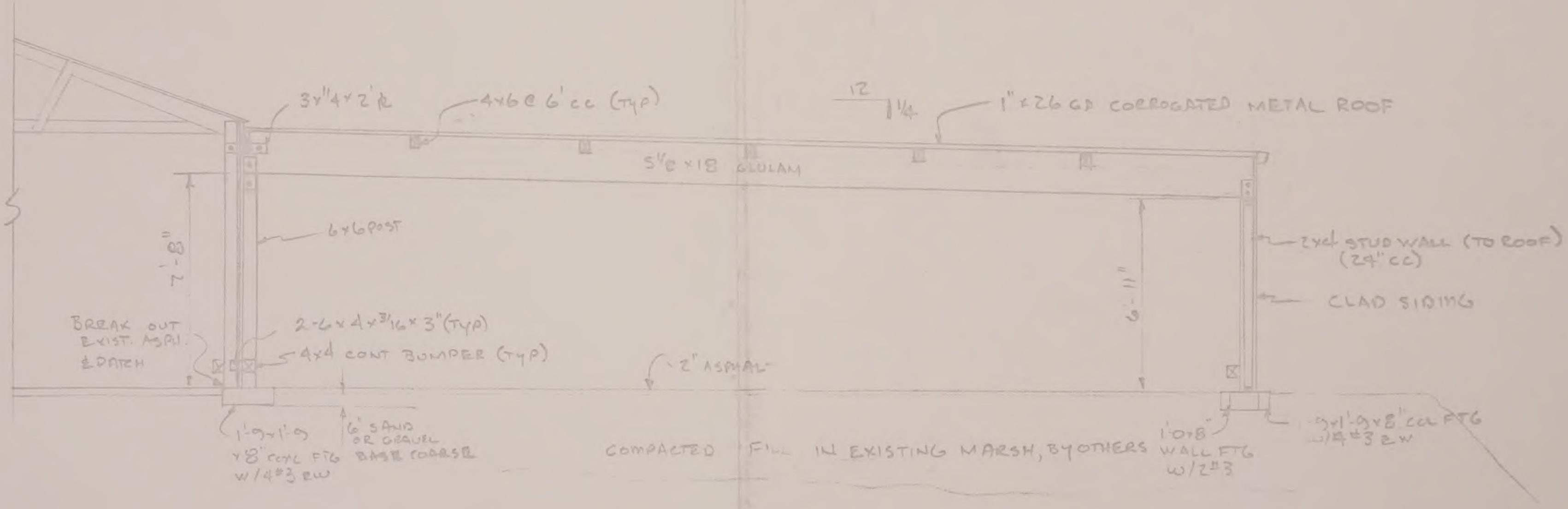
Western Wood Structures, Inc.
Weyerhaeuser Glulams
P. O. Box 13450 Portland, Ore. 97213
Phone 503 288-7488
Marshall R. Turner

SUBJECT Golf Cart Storage Shed
for Astoria Golf CC
Astoria, Oregon

VARAX ENGINEERING COMPANY
SUBSIDIARY OF
WESTERN WOOD STRUCTURES, INC.
P.O. Box 13450 Portland, OR 97213
(503) 288-7488

SHEET NO. 1 OF 2
BY RHC DATE 1/6/77
CHKD. BY DATE





Western Wood Structures, Inc.
Weyerhaeuser Glulams
P. O. Box 13450 Portland, Ore. 97213
Phone 503 288-7488
Marshall R. Turner

WESTERN WOOD STRUCTURES, INC.

P. O. BOX 13450 · PORTLAND, OREGON 97213 · TELEPHONE (503) 288-7488

CONFIRMATION

7-t-003
January 11, 1977
Astoria Golf Cart Shed
Warrenton, Oregon

Astoria Golf & Country Club
Route 1, Box 536
Warrenton, Oregon 97146

Dear Dan,

This formal quotation will confirm the prices given to you last week by Bob Collier. Bob is Western Wood Structures' project manager on our installed in-place work. He visited your site and is familiar with the existing conditions.

The simple sketches will illustrate the construction details of the proposed addition. Astoria Golf Club would bring and compact the fill at the marshy area to a level six inches below the existing floor. This fill must be carried beyond the proposed new building wall, as noted on our sketch.

A 36 x 116 foot addition	$25,599.
A 36 x 120 foot addition	$26,482.

Our price includes furnish and install concrete footings, a six-inch sand or gravel base course with two-inch thick asphalt wear surface. We furnish glulam beams at 10-foot centers, with 4x6 purlins in Simpson hangers and 26 gauge corrugated metal roof properly caulked. We furnish wall columns, 2x4 vertical stud framing 24 inches on center and Publishers Paper Clad wood siding. We include 4 - 7^{0} x 7^{0} sliding doors and an entry to the existing building.

This building will be designed for 25# live load (snow), 10# dead load and 100 mile per hour wind loads.

Specifications:

GLULAM: Douglas fir, 24F. Industrial grade. Waterproof glue. AITC Certificate by Weyerhaeuser.

TIMBER: Douglas fir, #2 & Btr. S4S, green.

CLAD WOOD: 5/8" thick, textured surface, reverse board and batten pattern, with shiplap edge. No paint or stain.

STEEL: A-36 by certified welders. One shop coat red lead primer.

ROOF METAL: American Steel Amer-X6. Galvanized. Furnish in full length sheets and fasten with #14 screws with Neoprene washers. Caulk all joints. Include gable edges and gutters, with 3 down spouts. Provide 12 fiberglas roof panels, color to be selected.

SHOP DETAILS: Furnish shop details, stamped by registered engineer, for approval before fabrication. Provide engineering calculations.

Terms of Sale: 10% down with order. Balance due 15 days from date of invoice. Progress invoicing to be submitted on 25th of each month.

We appreciate the opportunity to submit a quotation to you on your new project. Please contact me at the Portland office if you need more information.

Colored roof metal, with a white underside, can be furnished for $810 extra cost. The metal shapes and bolts could be hot-dip galvanized for $311 extra.

Best regards,

Marshall R. Turner

Marshall R. Turner
President

WESTERN WOOD STRUCTURES, INC.

MRT:sk

Encls.

Accepted by________________________________

Date________________________________

Proposal

Page No. of Pages

B & J CONSTRUCTION COMPANY
Building Contractors
Route 1 Box [illegible]
WARRENTON OREGON 97146
Days 861-1362 Evenings 861-2083

PROPOSAL SUBMITTED TO Astoria Country Club	PHONE	DATE 2-3-78
STREET	JOB NAME Extension To Metal Building	
CITY, STATE AND ZIP CODE Warrenton Oreg	JOB LOCATION Sunset Beach rd.	
ARCHITECT	DATE OF PLANS	JOB PHONE

We hereby submit specifications and estimates for:

Extend Existing Golf Cart Shed. 30' X 78', Match existing metal as close as posible. Owners to furnish fill & asphalt. also Building permit.

Contractor to furnish all Material & Labor to Construct ~~Building~~ ~~a~~ Addition as shown on plans. Lighting not included

We Propose hereby to furnish material and labor — complete in accordance with above specifications, for the sum of:

Contractor Must have ⅓ Down when Starting dollars ($ 9009.82).

Payment to be made as follows:

Job. poles in Ground; ~~[illegible]~~ RAFTERS up 2nd third. Final pmt on Completion of Job - Each pmt. 3003.27

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature James F.

Note: This proposal may be withdrawn by us if not accepted within 45 days.

Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature

Signature

Date of Acceptance:

FORM 118 COPYRIGHT 1960 - NEW ENGLAND BUSINESS SERVICE, INC., TOWNSEND, MASS. 01469

Proposal

Page No. of Pages

PROPOSAL SUBMITTED TO [illegible]

PHONE

DATE [illegible]

STREET

JOB NAME [illegible]

CITY, STATE AND ZIP CODE [illegible]

JOB LOCATION [illegible]

ARCHITECT

DATE OF PLANS

JOB PHONE

We hereby submit specifications and estimates for

[illegible]

We Propose hereby to furnish material and labor — complete in accordance with above specifications, for the sum of:

[illegible] dollars ($ [illegible]).

Payment to be made as follows:

[illegible]

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature

Note: This proposal may be withdrawn by us if not accepted within ______ days.

Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature

Signature

Date of Acceptance:

FORM 118 COPYRIGHT 1960 - NEW ENGLAND BUSINESS SERVICE, INC., TOWNSEND, MASS. 01469

Cladwood™

low
cost
siding
that
lasts
and
lasts

PUBLISHERS FOREST
PRODUCTS

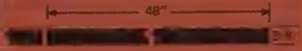
TIMES MIRROR

Cladwood/goes up fast

Workability, weatherability, and long-lasting good looks in a low cost siding?

You bet! You get it all with Publishers Cladwood sidings.

Cladwood is a unique low cost exterior particleboard bonded front and back with a patented wood fiber overlay. The particle-core and fiber overlay are bonded with waterproof phenolic resin. An intense heat and pressure process cures the resin and moulds the panel to its finished design pattern.

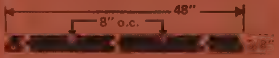


Pattern: Plain Rough Sawn Square Edge

Surface: Textured

Thickness: ⅜"

Size: 4x8



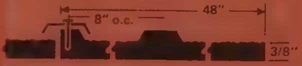
Pattern: V-Groove with Square Edge

Groove: 8" o.c.

Surface: Textured

Thickness: ⅜"

Size: 4x8



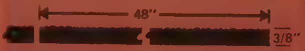
Pattern: Board & Bat, Smooth or Rough Sawn with Square Edge

Raised: 8" o.c.

Surface: Smooth or Textured

Thickness: ⅜" **Size:** 4x8

"Batten furnished"



Pattern: Striated Square Edge

Thickness: ⅜"

Size: 4x8

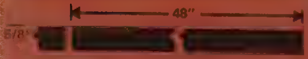
finishes easy/looks great

This exclusive process permits a wide variety of siding patterns, in varying widths and thicknesses, primed or unprimed.

Cladwood is completely weatherproof and guaranteed against delamination. It saws, nails, and handles with ease, accepts paints and heavy body stains readily, and will not raise, check, or split, even in extreme temperature and moisture variations.

And the Cladwood price is stable, too. While other construction costs fluctuate, Cladwood siding costs remain reliably low.

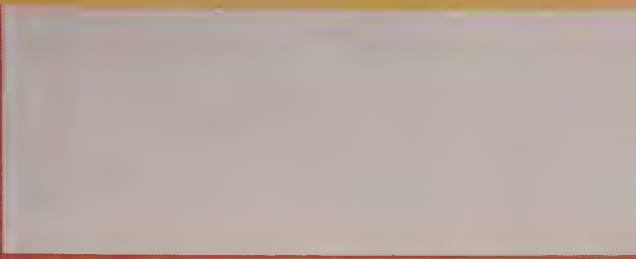
See for yourself just how much your siding dollar can buy. Write or call for samples or more information.

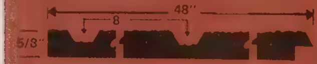


Pattern: S1S Smooth with Square Edge

Thickness: ⅜"

Size: 4x8





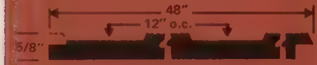
Pattern: T-Groove with Shiplap

Groove: 8" o.c.; 4" o.c.

Surface: Textured

Thickness: ⅝"

Size: 4x8; 4x9



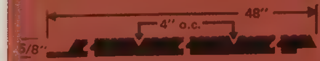
Pattern: Reverse Board & Bat with Shiplap

Groove: 12" o.c.

Surface: Textured

Thickness: ⅝"

Size: 4x8; 4x9



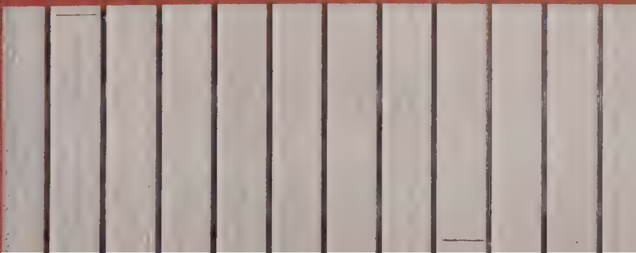
Pattern: Random Butt Joint Length with Shiplap

Groove: 4" o.c.; Random Horizontal Grooves

Surface: Textured

Thickness: ⅝"

Size: 4x8; 4x9



installation details

special instructions

1 / Do not apply Cladwood over wet sheathing or fresh masonry and concrete.

2 / For proper weather conditioning, we strongly recommend that Cladwood siding be stored on the job site a minimum of 5 days prior to installation.

When storing Cladwood, protect only the top of the bundles. Do not wrap them with polyethylene.

3 / The bottom edge of Cladwood panels must be at least 6 inches above ground level. Avoid practices where bottom edge will be exposed to standing water.

4 / Where siding butts into trim, leave a 1/8″ gap. Caulking of gaps should be done immediately after siding is applied.

5 / Cladwood siding may be ordered primed or unprimed. If you intend to apply your own primer, this should be done immediately after installation.

NOTE: Priming is not necessary with acrylic or latex paint or stain.

6 / For best results, good building practices should be followed throughout installation. Check your local building codes to insure proper installation procedures.

Cladwood full panel siding

All Cladwood sidings can be applied in full panels. These are recommended procedures for installation:

Stud Spacing

Maximum stud spacing is 16″ o.c. for 3/8″ Cladwood. 24″ o.c. for 5/8″, or when applying either 3/8″ or 5/8″ over plywood sheathing.

Nailing

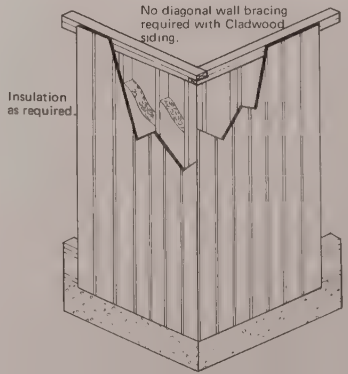
Nail approximately 8″ o.c. around all edges, and 10″ o.c. at immediate studs. Use 6d corrosion-resistant box nails on 3/8″ panels.
They should penetrate framing members a minimum of 1″. On 5/8″ Cladwood, use 7d or 8d corrosion-resistant nails, which should penetrate framing members a minimum of 1 1/2″. Nail heads should not be countersunk into the face.

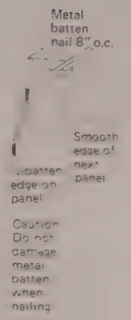
Joints

All vertical joints must occur over framing members. Install 2x4 blocking at all horizontal joints. On 3/8″ Cladwood, fill all joints with an approved mastic caulking unless battens are applied over joints. Battens may be made of wood or strips of siding cut to desired width. Intermediate battens may be applied for design purposes. Install battens only at locations which provide a firm nailing base.
Intermediate bats on 3/8″ Board & Bat are raised as part of the panel itself. When installing, apply the smooth 8′ edge of one panel opposite the 1/2″-bat edge of the next. Board & Bat panels are purposely trimmed undersized and must be applied on nominal 4′ centers, which will then provide an expansion joint of 1/8″ to 1/4″. These joints are then covered by a metal bat specially made for this purpose.
(See Illustration)

Taking care not to damage metal batten, nail 8″ o.c. with 6d corrosion-resistant nails. Metal battens are available 50 to a bundle. A special finish gives them the same appearance as the panels when finished.

Flash all horizontal joints with any approved zee type moulding.




Metal batten nail 8″ o.c.
Smooth edge of next panel
batten edge on panel
Caution Do not damage metal batten when nailing

Spacing

Do not spring or force panels.
Leave a 1/8″ to 1/4″ space at all joints and edges. When battens are to be applied, leave a 1/8″ space between panels.

NOTE: One vertical edge along the back side of each 5/8″ T-Groove and Reverse Board & Bat panel has a pressed indenture which serves as the mating shiplap for the adjoining panel.
When the panel is installed, this part of the lap is completely concealed and is purposely designed wide enough to serve as an expansion joint.
(See Illustration)

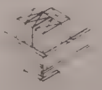
board and bat Cladwood panels

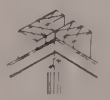
Corners

Inside and outside corners are formed by installing strips of wood or siding cut to desired width. Lap outside corner trim strip so that there is no continuous joint through corner trim and siding.

On Reverse Board & Bat applications, a 1-inch corner moulding is recommended for neat appearance and to maintain the board and bat effect.
(See Illustration)

OUTSIDE CORNER
Wood corner boards, battens or strips of siding cut to width





INSIDE CORNER
Wood corner boards, battens or strips of siding cut to width.

Soffits, ceilings, fascias and accent panels

Cladwood S1S and Rough Sawn board are ideal for soffits, carport ceilings, gable ends, breezeways, fascias, and similar applications. All panels can be furnished in 96″ lengths and factory cut widths of 12″, 16″, 24″, 36″, and 48″ as required. You can order S1S and Rough Sawn board primed and with ventilator holes pre-cut at the factory to your specifications.

Soffits

For soffits 4′ wide or less, apply the panels with long direction at right angles to lookouts. Overhangs over 4′ should be applied in same direction as lookouts.

Lookout Spacing

Maximum lookout spacing should be 24″ o.c.

Nailing

Use 7d corrosion-resistant box nails. Nail approximately 8″ o.c. around all edges and 10″ o.c. on intermediate studs. Nails should penetrate stud a minimum of 1″.

Fascias

Rabbeted fascias may be used without nails. (See illustration) Other areas of the panels must be nailed every 8″ o.c. at both the house side and fascia side of the board.

Air Venting

Do not use a continuous air vent unless solid blocking is inserted between lookouts and all panel edges are nailed 8″ o.c.

Joints

Do not spring or force panels into place. Leave a 1/8″ to 1/4″ space at all joints.

Note:

We recommend Cladwood's special Split H Moulding be used wherever panels are butted together. The moulding conceals joints entirely, eliminates costly labor time in fitting, and gives your job a beautiful finished appearance.

NOTE: When Cladwood S1S is trimmed for gable-end applications, it can be turned over and reversed to fit the other side of the gable. Saves money and labor.

Split H Moulding Protective finishes

Cladwood takes paint better and holds it longer than most any other board available. It promises years of maintenance-free good looks from all types of exterior house paints and heavy-bodied stains.

Standard commercial brands should be thinned only as recommended by the manufacturer.

Apply paint or stains with brush, roller, or spray gun, in strict accordance with manufacturer's instructions. Coatings should be applied to provide the required coverage, dry film thickness, or other terms of compliance with the Minimum Property Standards of the Federal Housing Administration.

All Cladwood sidings meet or exceed property requirements listed below:

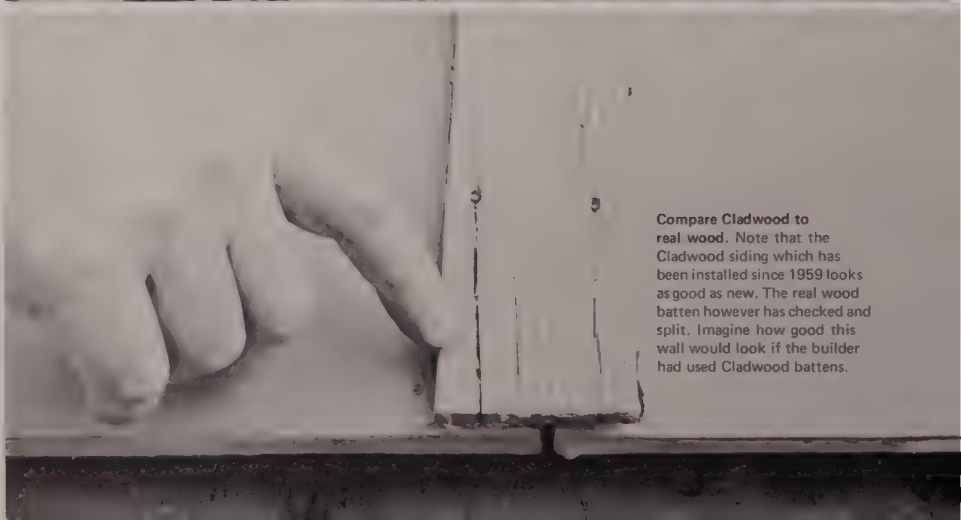
FHA Building Material Release Number 697
ICBO Number 1928 DTD August, 1974
BOCA-250
SBCC-7432-4
CMHC-115-3-27-2-14
Commercial Standard 236-66

Cladwood was installed on this house in 1959 in Corvallis, Oregon where the average rainfall is 40″ annually. It originally received two coats of enamel and has since had only one coat of latex. It looks as good as the day it was installed.

tried and proved for nearly 20 years

Cladwood has been successfully used as siding, shutters, even garage door panels, since the early '60's. As an exterior housing material, it is outstanding. Cladwood has performed as well or even better then conventional wood in all types of weather conditions. It paints and stains beautifully.

This amazing but low cost product is manufactured under international patents in Oregon and Minnesota. Cladwood is a medium density particleboard with a refined fiber overlay on the face and back. Its production process incorporates phenolic resin both in the overlays and the substrate particles are pressed at the same time under intense heat and pressure to fuse them virtually into a homogenous product.



Compare Cladwood to real wood. Note that the Cladwood siding which has been installed since 1959 looks as good as new. The real wood batten however has checked and split. Imagine how good this wall would look if the builder had used Cladwood battens.

6637 S.E. 100th Avenue
Portland, Oregon 97266
(503) 771-1161

We also manufacture:
Lumber / Plywood / Hardboard
Castwood Preformed Components
Industrial Lumber Products

Cladwood Mills:
Virginia, Minnesota
Philomath, Oregon
Sweet Home, Oregon

PUBLISHERS FOREST PRODUCTS

TIMES MIRROR

Metal siding and roofing by American Steel

Pre-painted steel and aluminum panels for attractive, modern buildings.

Building Products Division

Metal roofing and siding

Architectural Metal Siding and Roofing

Metal siding and roofing panels by American Steel answer the need for attractive, economical and maintenance-free building coverings. These panels are roll formed from galvanized steel or aluminum, prepainted or plain. The exterior surface of the painted panels is baked-on silicon acrylic enamel designed for long life with a minimum amount of maintenance.

Choice of Patterns—Custom Lengths

Six distinguished patterns, Amer-X6, Amer-X6 Reverse, Amer-X12, Amerib, Amervee, and Amercor are produced to your required lengths. The panels are formed to provide a net width coverage of 24 inches. (36 inches available in Amer-X6.) These custom-length panels, produced locally, provide building coverings with virtually no end laps. The 36 inch wide coverage of Amer-X6 produces fewer side laps. Reduced laps produce savings in installation, reduced maintenance, and improves appearance.

Thickness (gauge) and Framing Flexibility

Panels in steel are available in gauges of 20 ga. to 30 ga. and aluminum in thicknesses of .0175 to .040. The flexibility offered in high-strength patterns, such as Amer-X6, and heavy gauge allow greater spans requiring fewer purlins and girts.

Choice of Nine Colors

American Steel's six siding and roofing profiles are available in plain galvanized or prepainted in light blue, dark blue, brown, mist green, avocado green, beige, red, gold and white. The reverse side of the prepainted panel is finished in a long lasting undercoat of off-white that reflects light inside the building. On sufficient size requirements, other colors can be furnished by special order. Your inquiries are invited.

Gauge Comparisons

Gauge	Decimal Equivalents		
	Nominal Galvanized Sheet Gauge	Manufacturers Minimum Galvanized Gauge	Nominal United Standard Gauge*
20 ga.	.0396″	.0356″	.0370″
22 ga.	.0336″	.0296″	.0313″
24 ga.	.0276″	.0236″	.0250″
26 ga.	.0217″	.0187″	.0188″
28 ga.	.0187″	.0157″	.0156″
30 ga.	.0157″	.0127″	.0125″

*Note: United Standard Gauge SHOULD NOT be used for Galvanized Steel

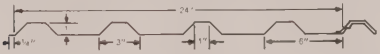
Amer-X6
24"-36"

Ribbed for extra strength and extended spans

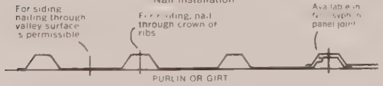
Amer-X6 has become an acknowledged leader among West Coast metal builders, architects and engineers for its appearance, strength and ease of application.

Panels are manufactured with 1 inch deep ribs on 6-inch centers which serve both aesthetic and structural functions. American Steel offers this popular pattern in 36" as well as 24" coverage sheet. One of the most modern roll forming machines on the West Coast produces high quality precision panels.

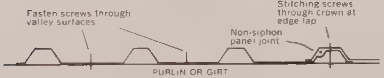
Amer-X6 36" provides a third fewer sheets to handle and apply, and of course, fewer side laps. Either Amer-X6 24" or 36" provides extra strength in the covering material and usually reduces the amount of framing required.



Nail Installation


For siding nailing through valley surface is permissible
For roofing, nail through crown of ribs
Available in non-syphon panel joint
PURLIN OR GIRT

Screw Installation


Fasten screws through valley surfaces
Stitching screws through crown at edge lap
Non-siphon panel joint
PURLIN OR GIRT

Allowable Superimposed Uniform Live Loads— lb./sq. ft.

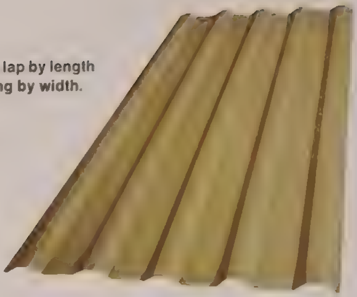
The following data is for the convenience of designers and builders for general preliminary use. In all cases data is subject to change to meet local codes and conditions and to satisfy specific design and construction requirements.

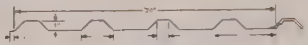
American Steel assumes no responsibility, either express or implied, for its use.

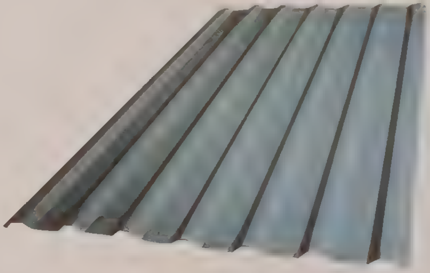
Span	Continuous Span				
	20 Ga.	22 Ga.	24 Ga.	26 Ga.	28 Ga
2′ - 0″	631	478	363	216	172
2′ - 6″	403	320	252	145	110
3′ - 0″	279	222	173	121	85
3′ - 6″	205	163	127	88	65
4′ - 0″	156	124	97	67	49
4′ - 6″	123	98	76	53	39
5′ - 0″	99	79	61	42	31
5′ - 6″	82	65	51	35	26
6′ - 0″	69	54	42	29	21
6′ - 6″	58	46	36	25	18
7′ - 0″	50	39	31	21	15
7′ - 6″	43	34	27	18	13
8′ - 0″	38	30	23	16	12
8′ - 6″	33	26	20	14	10
9′ - 0″	29	23	18	12	9

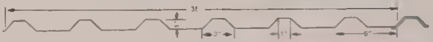
Loads may be increased ⅓ for wind. 1⅜" bearing length.
Load-Span tables based on working stress:
  Steel yield stress 40,000 psi.
  Flexural design analysis according to American Iron & Steel Institute "Specifications for the Design of Light Gauge Cold-Formed Steel Structural Members" 1962.
Galvanized steel gauge, 1.25 oz. per sq. ft. zinc coating.
Continuous span loading applies to sheets continuous over three or more spans
Deduct approximately 20% for simple spans.
Weight of the sheet has been allowed.

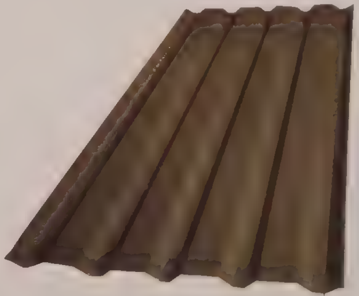
Be certain to lap by length before lapping by width.

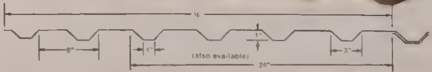












By roll forming our Amer-X6 24" or 36" reverse side up, we are able to offer you another attractive siding with the broadfacing out and the fasteners hidden in the 1" deep valleys.

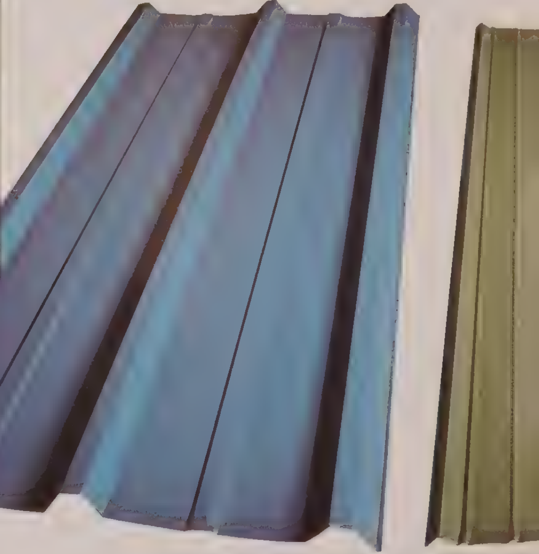
rn roll forming machine on West
es American siding and roof-
ttractive patterns.

Amer-X12

Wide Span with Hidden Laps

Developed from American's popular Amer-X6, this new pattern is designed to simulate traditional board-and-batten. High ribs are on 12" centers with a low intermediate rib in between.

This advanced product also gives a neat (nearly invisible) seam at the side lap. It is available in all nine standard colors.



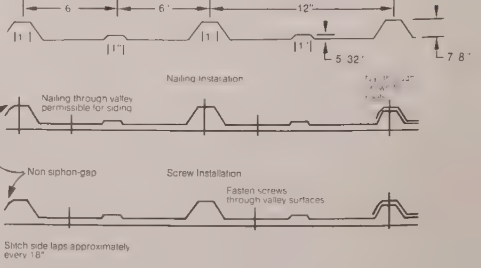
rm live load on continuous spans—lbs./sq. ft.
ased on working stress

zed Steel Gauge

Span	20 (0.0396")	22 (0.0336")	24 (0.0276")	26 (0.0217")	28 (0.0187")	30 (0.0157")
2'	238	198	173	116	96	77
2-6	152	126	110	74	61	49
3-0	105	87	76	51	42	33
3-6	76	64	56	37	31	24
4-0	58	48	42	28	23	18
4-6	45	38	33	22	18	14
5-0	36	30	26	17	15	11
5-6	30	25	22	14	12	9
6-0	25	20	18	12	9	7

Yield stress 40,000 psi. Flexural design analysis per American Iron and Steel Institute "Specification for the Design of Cold Formed Steel Structural Members," 1968. Weight of the sheet has been allowed. 1.25 oz. per sq. ft. zinc coating. Continuous span applies to sheets continuous over 3 or more spans. 1⅜" minimum bearing length. ⅓ load increase allowed during wind loading.

Be certain to lap by length before lapping by width.


6
6"
12"
1"
1"
1"
1"
5 32"
7 8"
Nailing Installation
Nailing through valley permissible for siding
Non siphon-gap
Screw Installation
Fasten screws through valley surfaces
Stitch side laps approximately every 18"

Amerib

(Twin Rib)

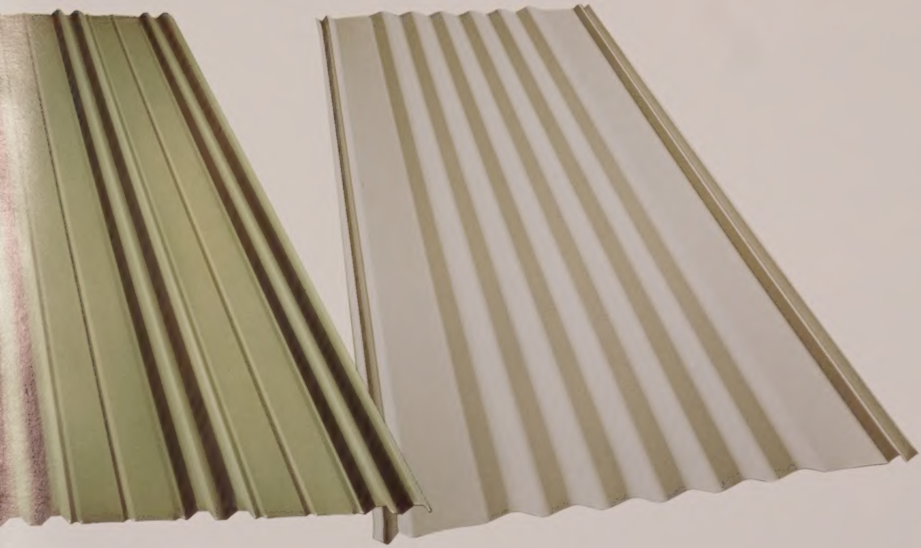
Amerib is available cut to your required lengths in plain galvanized or aluminum and nine standard colors. This pattern provides an interesting profile and is often chosen for its pleasing appearance. Each 26 inch wide panel covers 24 inches.

Amervee

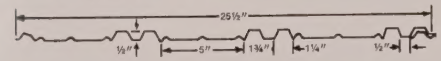
(4 Vee Corrugated)

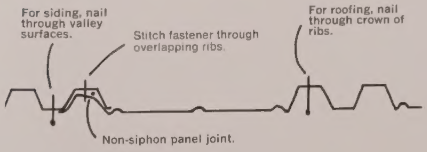
The Amervee pattern offers 24 inch coverage from each 26 inch wide panel, custom cut to your required length. The unique, positive double rib side lap provides easy installation and a weather resistant seal.

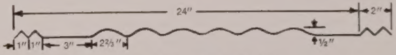
You may select plain galvanized or aluminum or from our nine decorator prepainted colors.



Be certain to lap by length before lapping by width.

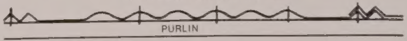



For siding, nail through valley surfaces.
Stitch fastener through overlapping ribs.
For roofing, nail through crown of ribs.
Non-siphon panel joint.



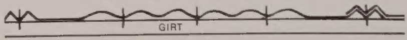
Nailing for Roofing Applications

Nail through crown of every other corrugation and outer vee at edges of panel.



Nailing for Siding Applications

Nail through valleys of every other corrugation and through vee at outer edges of panels.



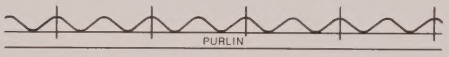
Amercor

(Standard Corrugated, 2½")

This standard of the metal covering industry is available in 26" wide siding and 27½" wide roofing. Both panel widths cover 24 inches and are cut to your requirement. Amercor is available in plain or painted galvanized in six standard colors. It is also available in plain or painted aluminum and several embossed finishes.

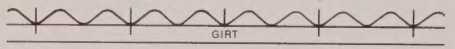
Nailing for Roofing Applications

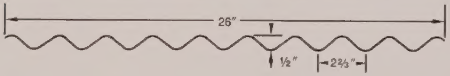
Nail through crown of every other corrugation.

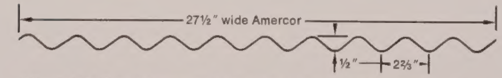


Nailing for Siding Applications

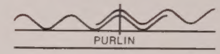
Nail through valley of every other corrugation.





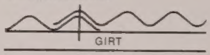


Roof installation



Lap two corrugations with stitch fasteners through crown of overlapping corrugations.

Siding installation



Lap one corrugation with stitch fasteners through crown of overlapping corrugations.

The following data is for the convenience of designers and builders for general preliminary use. In all cases data is subject to change to meet local codes and conditions and to satisfy specific design requirements.

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Allowable Superimposed Uniform Live Loads— lb./sq. ft. and Resulting Deflections for Simply Supported ½ Inch by 2⅔ Inches Standard Galvanized Steel Sheets* (33,000 psi yield-point steel)

Galvanized Sheet Gauge No.	Thickness (Coated), Inch	Weight (Base Metal) lb./sq. ft.	Span								
			2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"
29	0.0172	0.669	74.3	47.6	33.0	24.3	18.6	14.7	11.9	9.8	8.2
28	0.0187	0.734	81.7	52.3	36.3	26.7	20.4	16.1	13.1	10.8	9.1
26	0.0217	0.866	95.7	60.8	42.2	31.0	23.8	18.8	15.2	12.6	10.6
24	0.0276	1.127	123.0	78.7	54.7	40.2	30.7	24.3	19.7	16.2	13.7
22	0.0336	1.392	150.3	96.2	66.8	49.1	37.6	29.7	24.0	19.9	16.7
20	0.0396	1.654	177.3	113.5	78.8	57.9	44.3	35.0	28.4	23.4	19.7
18	0.0516	2.184	229.3	146.8	101.9	74.9	57.3	45.3	36.7	30.3	25.5
Approximate Center Deflection (Inch) All Gauges			0.2	0.2	0.4	0.5	0.6	0.8	1.0	1.2	1.4

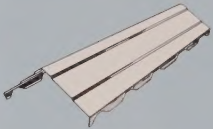
*Based on a factor of safety against yielding of 1.65, a modulus of elasticity of 29,000,000 psi, and a Commercial Coating (1.25 ounces per square foot). The allowable loads may be increased by 25% for sheets continuous over four or more equally spaced supports and by 33% for sheets subjected to a combination of loads including wind loading, provided that the section thus determined is not smaller than would be required by the loads excluding wind.

Roofing and Siding Accessories

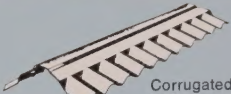
Full line available

American Steel maintains an extensive inventory of accessories in plain and painted galvanized and aluminum. Included are fiberglass panels in all six patterns and standard colors for skylights. Also ridge flashings, nails and fasteners, neoprene closure strip and caulking materials are stocked.

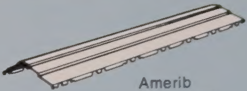
Flat steel sheets in all standard colors are also stocked to provide total flexibility in properly flashing to your needs.



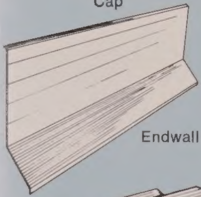
Amer-X Ridge Cap



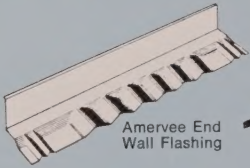
Corrugated Ridge Cap



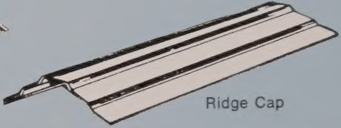
Amerib Ridge Cap



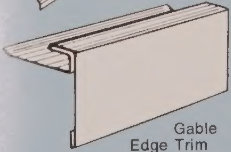
Endwall Flashing



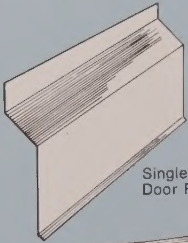
Amervee End Wall Flashing



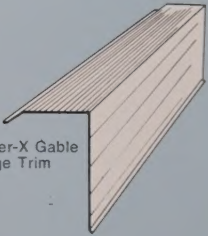
Ridge Cap



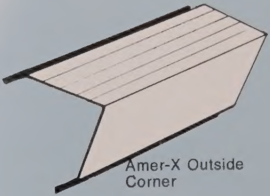
Gable Edge Trim



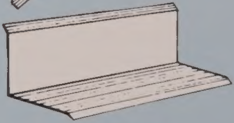
Single Track Door Flashing



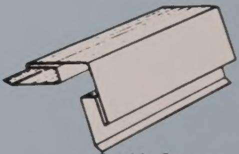
Amer-X Gable Edge Trim



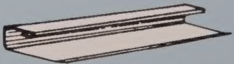
Amer-X Outside Corner



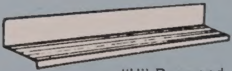
Sidewall Flashing



Outside Corner Post



"C" Door and Window Flashing



"H" Door and Window Flashing

5 Reasons Why ASI/Metal Sidings and Roofing

The five applications illustrated here—a grain elevator; a covered tennis court; a shopping center; resort Ranch Cabins; and an aircraft hanger show you five good reasons why American Steel metal siding and roofing are winning increasing favor with architects throughout the Pacific Northwest. Ask your American Steel Building Products Division salesmen for details today.

American Steel, Inc.

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Eugene, Oregon—888 Garfield Street/(503) 485-1331
Medford, Oregon—2260 Sage Road/(503) 772-7181
Redding, California—2305 Radio Lane/(916) 243-5263
Kent, Washington—19022 80th Avenue South/(206) 228-1511

Western Wood Structures, Inc.
Weyerhaeuser Glulams
P. O. Box 13450 Portland, Ore. 97213
Phone 503 288-7488
Marshall R. Turner

FORM ASI 2671-975-10M-IH